

Experimental Basic Converter With Continuous
Bath Temperature Measurement and End Point
Determination, by W. A. Fischer, M. Wahlster.
UNCLASSIFIED

GERMAN, par, Stahl u Eisen, No ¹⁰ 8, 1958,
pp 645-654.

British Iron and
Steel Inst 976
(16.5.0)

76, 138

Sci - Min/Met

Two Multiple Gun Turbine Assemblies and for a
Belgian Kronvorko, by A. Jannotte. UNCLASSIFIED:
Vol LXVIII,
GERMAN, part, Stahl u Eisen, No 10, pp 555-556.
1944

British Iron and
Steel Ind 575
(14.15.0)

Ref - Engt
RWT 58

75, 597

Influence of Design and Method of Operation of
Pusher-Type Furnaces on the Surface Condition of
Hot Material, by B. von Sothen
GERMAN, per, Stahl Eisen, Vol 78, 29 May 1958,
pp 733-736
BISI 5556

Weur
Sci/MIC&ME
Oct 67

341728

The Influence of Annealing on the Precipitation of
Aluminium Nitride and the Mechanical Properties
of Non-Alloyed Steels, by P. Werthebach, H. Hoff.
UNCL

GERMAN, per, Stahl u Eisen, 29 May 1958,
pp 736-743.

British Iron and Steel Ind 1031
(15 10 0)

Sci - Min/Mat
Apr 59

84,709

Hydrogen in Steel, by H. Neuhaus.
GERMAN, per, Stahl und Eisen, No 78, 1958,
pp 750-753.
*NBS TT 70-57522

Sci-Mat
Aug 70

First Operating Results of the Rebuilt Krupp-Renn
Plant at Salzgitter-Watenstedt, by Fastje.

GERMAN, per, Stahl u Eisen, No 12, 1958, pp
8 784-791.

*Henry Brutcher

WEur - Germany
Econ

Aug 58

The Dust Produced During Blowing in the
converter as an Indicator of the Refining Process
When Using Oxygen-Enriched Air, by Von Bogdandy,
Fauthe. UNCLASSIFIED

GERMAN, per, Stahl u Eisen, 12 Jun 1958, pp
792-798. Vol 78, No 12.

British Iron and
Steel Ind 593

Sci - Min/Met
Nov 58

SWA 61-18441
SWA 61-18657

75,902

Optical Method of Determining the Course of
Temperatures When Refining Steel in the Converter,
by Holler, Smit. UNCLASSIFIED

GERMAN, per, Stahl u Eisen, 12 Jun 1958,
pp 799-804.

British Iron and
Steel Ind 994

Sci - Min/Met
Nov 58

75,901

61-18378

Glaesener, E.

NEW METHOD OF VIBRATING CONVERTER BOT-
TOMS. [1961] [14]p.
Order from SLA \$1.60

61-18378

Trans. of Stahl und Eisen (West Germany) 1958
[v. 78] p. 1169-1173. Revue Universelle des Mines
(France) 1958 [v. 101, ser. 9, v. 14] p. 261-269.

DESCRIPTORS: *Steel, Processing, *Vibrators,
Design.

In order to stop the reduction in average bottom life,
which occurred when starting up the new 30 ton con-
verters, the Belval works of ARBED have developed a
new method of vibrating via the needles. The paper
describes the equipment used and the method of
making the bottoms. (Author)

(Metallurgy--Ferrous Metals, TT, v. 7, no. 1)

I. Glaesener, E.

Office of Technical Services

Fischer, W. A. and Wahlster, M.
EXPERIMENTAL BASIC CONVERTER WITH CON-
TINUOUS BATH TEMPERATURE MEASUREMENT
AND END POINT DETERMINATION. Rept. no. 644 of
the Steelworks Committee of V(erein) D(eutscher)
E(isen)h(üttenleute). [1961][19]p. 23 refs.
Order from SLA \$1.60

61-18446

Trans. of Stahl und Eisen (West Germany) 1958, v. 78,
no. 10, p. 646-654 (Max Planck [Institut für Eisen-
forschung] (West Germany). Communication 764).

DESCRIPTORS: *Steel, Processing, Blast furnaces,
Operation, Temperature, Oxygen, Carbon, Phosphorus,
Manganese, Silicon, Nitrogen, Metallurgy.

The development of an experimental converter for
250 kg iron charge is described. It is shown that the
course of the metallurgical reactions, both for air
blowing and for blowing with oxygen enriched blast,
(Metallurgy--Ferrous Metals, TT, v. 7, no. 1) (over)

61-18446

I. Fischer, W. A.
II. Wahlster, M.
III. Title: Verein...
IV. Max...Communication 764

Office of Technical Services

The Use of Models for Studying Flow in Open
Hearth Furnace Checkers, by M. Hansen.
UNCLASSIFIED

GERMAN, per, Stahl u Eisen, ¹²~~1954~~, 1958,
pp 804-812.

British Iron and
Steel Ind 1030
(L5)

Sci - Engr
Nov 58

76, 641

The New Hot Strip Mill of Borong A.G., by
W. Stenger, O. Dahlke. UNCLASSIFIED

GERMAN, per, Stahl u Eisen, ^{75/2}Feb, 1958,
pp 812-820.

British Iron and
Steel Ind 992
(15.50)

Sci - Engr
Nov 58

75, 940

Creep and Relaxation of Steel Wire, Particularly
at Slightly Elevated Temperatures, by Werner
Papsdorf, Fritz Schwier.

GERMAN, per, ~~Stahl~~ Stahl und Eisen, Vol LXXVIII,
No 14, 1958, pp 937-947.

Dept of ~~Int~~ Interior
US Bur of Reclamation
Tech Lib
Denver, Colorado

Sci - Engr
Sep 60

125,087

The Phoenix Oxygen-Lance (PL) Process, by H. Th.
Brandt.

GERMAN, per, Stahl und Eisen, Vol LXXVIII, No 13,
1958, pp 889-890.

Brutcher Tr 4270
\$3.90

Sci - ~~Mineral~~ *Chem*

Sep 58

*(probably * British Iron and Steel
Inst 1009) 72,575*

Study of the Effect of Different Working Conditions
of a 3-Stand Cold-Rolling Tandem Mill Train on
the Mechanical Properties of Strip Steel, by J. C.
Brochmann, et al. UNCL

GERMAN, per, Stahl u Eisen, 10 Jul 1958, pp 955-
960.

British Iron and Steel
Ind 1063

Sci - Min/Met
Jan 59

79,791

Tests Carried Out on the Plant for Smelting Conarky
Ore. I. Smelting Conarky Ore in the Blast
Furnace, by W. Wolf, et al. UNCL

GERMAN, per, Stahl u Eisen, 24 Jul 1958, pp 1020-
1027.

British Iron and
Steel Ind 1055

Sci - Min/Met
Apr 59

83,628

Experience in the Production and [HOT] WORKING
of Light-Section Continuous Cast Steel, by F.
Leitner, F. Schmidt.

GERMAN, per, Stahl Und Eisen, Vol LXXVIII, No 15,
1958, pp 1028-1032.

Henry Bratcher 4830
\$9.75

Sci - Engr
Oct 58

75, 718

Trends in the Development of Automation,
by E. Vogl. UNCL

GERMAN, per, Stahl u Eisen, 24 Jul 1958,
pp 1033-1038.

BISI 1359
(14.10.0)

Sci - Engr
Oct 59

78,625

Investigations on the Banded Structure in Plain
Carbon and Alloy Structural Steels, by E.
Floehinger, A. Randak. USCL

GERMAN, pat, Stahl u Eisen, 24 Jul 1958,
pp 1041-1058.

British Iron and
Steel Ind 1054
(19 15s. Od.)

Sci - Min/Mat
Apr 59

83 810

Tests Carried Out on the Plant for Smelting
Conslary Ore. II. The Extraction of Chromium
From the Pig Iron by Refining With Pure Oxygen
in the Ladle, by W. Hatz Wolf, et al. UICL

GERMAN, per, Stahl u Eisen, 7 Aug 1958, pp 1100-
1107.

British Iron and
Steel Ind 1056

Sci - Min/Met
Feb 59

80,012

A New Oil Firing System for Open-Hearth
Furnaces, by W. Schleicher, K. Bolog. UNCL

GERMAN, par, Stahl u Eisen, 7 Aug 1958,
pp 1103-1109.

British Iron and
Steel Ind 1069

Sci - Engr
Jan 59

79,581

Plastics for universal jointed spindles,
Hobbiton Sinter and Couplings, by T. Burdowski.
UNCL

GRINMAN, per, Stahl u Eisen, 7 Aug 1958,
pp 1110-1119.

British Iron and
Steel Ind 1119

Sci - Eng
Apr 59

83,804

Strength Properties of Tempered Hotwork Steels at
Elevated Temperatures, by Karl Bangardt, Otto
Muelers, 88-20 pp.

GERMAN, per, Stahl und Eisen, Vol LXXVIII, No 16,
1958, pp 1119-1126.

SLA 59-10161

Sci - Min/Met
Sep 59
Vol 2, No 1

97,765

Organization of Supplies and Production and Its
Place in Planning and Management. I. Economy
Materials, Planning of Work, Recording and Signalling
Systems, by U. Schaeffer, et al. UNCL

GERMAN, per, Stahl u Eisen, 8 Aug 1958, pp 1045-
1064. ¹²

1?
British Iron and
Steel Ind 1170
(15)

REUR - Germany
Recon
May 59

86,832

Chlorination Of Ore Fines During Sintering, by
H. Neuhaus and H. Schenck.

GERMAN, per, Stahl Und Eisen, 1958, pp 1162-1170.

CSIRO

Oct. 62

Possible Uses of Blast Furnace Gas for the
Synthetic Production of Hydrocarbons, by H.
Koelbel. UNCL

GERMAN, por, Stahl u Eisen, 21 Aug 1958,
pp 1165-1169. *Vol 78.*

British Iron and
Steel Ind 1065

Sci - Chem
Feb 59

SLH 61-18376

80,011

Atmospheric Corrosion Tests on a Number
of Steels Covered With Various Protective
Coatings, by G. Becker. UNCL

GERMAN, pet, Stahl u Eisen, 21 Aug 1958,
pp 1186-1191.

BTC

Sci - Min/Met
Jan 60

105,788

The Water Supply System of the Hoesch-Westfalenhütte
A.G., Dortmund, by H. Zur. UNCL

GERMAN, per, Stahl u Eisen, 21 Aug 1958, pp 1191-
1200.

OTS 61-20605
British Iron and
Steel Ind 1071
(15 15s.08.)

EEur - Germany
Econ
May 59

86, 818

The Physical Properties of Coke and Their
Relationship to Blast Furnace Working, by W.
Himsel.

GERMAN, per, Stahl und Eisen, Vol LXXVIII,
4 Sep 1958, pp 1225-1229.

BISI 1287

SIA 59-17642

Sci - Min/Met
Jul 1961

161,058

Changes in the Structure of Austenite Steels in
Creep-Rupture Tests, by W. Koch, A. Schrafer. ~~USC~~

GERMAN, per, Stahl u Eisen, 4 Sep 1958, pp 1251-
1262.

British Iron and
Steel Ind 1070

SLA 61-12877

Sci - Min/Mat
Feb 59

80,010

Observations on the Bauschinger Effect on Soft and
Medium-Hard Steels, by H. Hoff, G. Fischer. UECL

GERMAN, for, Stahl u Eisen, 18 Sep 1958, pp 1313-
1320.

British Iron and Steel Ind 1093
(15 15 0)

Sci - Min/Mat
Apr 59

84,502

Investigations Into Vibration in the Vicinity
of Forges, by H. W. Koch. UNCL

GERMAN, per, Stahl u Eisen, 18 Sep 1958,
pp 1320-1326.

OTS 61-20593

British Iron and Steel Ind 1139

(14)

Sci - Min/Met
May 59

85,802

The Appropriate Location and Design of Driver
Cabs and Control Apparatus in Cranes, by F. E.
Lansel. UNCL

GERMAN, per, Stahl u Eisen, 18 Sep 1958,
pp 1326-1332.

British Iron and Steel Ind 1108
(15)

Sol - Hmgr
Apr 59

84,500

Behavior of Steels With 11-20 o/o Chromium After
Long-Time Heating in 475° Embrittlement Range, by
H Ewald Baerlecken, Heinz Fabritius, 18 pp.

GERMAN, per, Stahl und Eisen, Vol LXXVIII, 1958,
pp 1389-1395. 9093453

8

AEC UCRL Tr-780(L)

Sci - Min/Metals
May 62

196, 758

The Adhesive Strength of Zinc Coatings on
Heavily Coated, Hard Drawn Wires of Rimmed Low
Carbon Steel, by D. Hortstmann. UICL

GERMAN, per, Stahl u Eisen, 16 Oct 1958,
pp 1456-1462.

SUB 61-18743
British Iron and Steel Ind 1131
(13 10 0)

Sci - M10/Mot
Apr 59

84,503

61-18383

Koch, Walter, Schrader, Angelica and others.
CHANGES IN THE STRUCTURE OF AUSTENITIC
STEELS IN CREEP RUPTURE TESTS. Rept. no. 1143
of the Material Panel of the V[erein] D[eutscher]
E[isen]h[üttenleute]. [1961] 22p. 17 refs.
Order from SLA \$2.60 61-18383

Trans. of Stahl und Eisen (West Germany) 1958 [v. 78]
no. 18 [p. 1251-1262] (Max Planck Institut [für Eisen-
forschung] (West Germany). [Communication] 776).
Another trans. is available from BISI £ 6 10s as
BISI-1070 [1960]; summary trans. available from SLA
mi\$1.80, ph\$1.80 as 59-10159 [1959] [2]p.

DESCRIPTORS: *Steel, *Microstructure, *Creep, Car-
bides, Chromium alloys, Nickel alloys, Intermetallic
compounds, Rupture, *Austenite, Stresses, Alloys,
Eutectics, Titanium, Niobium, Molybdenum, *Crystal
structure, *Heat resistant alloys, Grains (Metallurgy).
(Metallurgy--Structural, TT, v. 7, no. 1)

I. Koch, W.
II. Schrader, A.
III. Title: Verein ...
IV. Max ... Communication 776

Office of Technical Services

Stress Corrosion and Creep of High Strength Steel
Wire for Prestressed Concrete, by Werner Fapsdorf,
10 p.

GERMAN, per, Stahl und Eisen, 1958, Vol LXXVIII,
No 21, pp 1472-1475.

SLA 59-20849

Sci
Mar 60
Vol 3, No 1

110,966

Investigations and experiments in the production of
Iron Ores, by G. Haynert, et al. UNCL

GERMAN, per, Stahl u Eisen, 30 Oct 1950,
pp 1493-1505.

British Iron and
Steel Ind 1141

Sci - Min/Met
McRae
Apr 59

83,479

Metallurgical Problems Encountered in the Processing
and Solidification of Rimming Steel; by H.
Nellermeyer, H. Hammer. UNCL

GERMAN, par, Stahl u Eisen, 39 Oct 1958,
pp 1505-1513.

British Iron and
Steel Ind 1140

Sci - Min/Met
Apr 59

83, 862

Amount and Nature of the Oxide Inclusions
Suspended in Open-Hearth Steel Baths, by K.
Born, E. Wittstruck.

GERMAN, per, Stahl und Eisen, Vol LXXVIII,
No 22, 1958, pp 1514-1525.

EB 4648

Sci - Engr

Nov 59

101, 227

Planning work for the construction of a plant
mill, of w. Hiltnerhans. UNOL

GERMAN, per, Stahl u Eisen, 30 Oct 1958,
pp 1525-1535.

British Iron and
Steel Ind 1142
(18 10s.03.)

Sci - Engr
Apr 59

83, 811

Investigating the Design and Operation of a Heavy
Pitch Rolling Mill on the Basis of Operational
Results, by P. Bischof. ~~UNCLASSIFIED~~

GERMAN, per, Stahl u Eisen, 30 Oct 1958, pp 1536-
1545.

British Iron and
Steel Ind 1143

Sci - Engineering
May 59

85, 830

New Continuous Small Section Rolling Mill Train
for a Large Rolling Program, by H. Petrovits, H. H
Billen. UNCL

GERMAN, per, Stahl u Eisen, 30 Oct 1958, pp 1546-1555.

MT 2r 40

~~*British Iron and
Steel Ind 1144~~

Sci - Engr
Feb 59

*44 B.S.E.
*still for present to be used
in either "Iron and Coal"
or "Metal Treatment"*

Effects of Heat on Tool Steels During Hot Upsetting and
Die Forging, by G. Beck.
GERMAN, per, Stahl und Eisen, x Vol LXXVIII, 1958,
pp 1556-1563.

BISI 3467

Sci - M/M
Mar 64

251,693

Cutting Power of Cast and Hot-Worked High-Speed Steel Tools and their Metallurgy,
by K. A. Krokeler.
GERMAN, per, Stahl und Eisen, 1958,
Vol. 78, Oct 30, 1575-1585
*BISI 3986

Sci/Hot & Mat
Mar 65

The Processing of Titaniferous Iron Ores in
the Blast Furnace, by E. Wendel.

GERMAN, per, Stahl und Eisen, Vol LXXVIII,
No 22, 1958, pp 1603-1605.

Broken Hill Prop Co Ltd
(CRL/T.265)

Sci - Engr

191, 7/6

Apr 62

Oberhausen Plate Mill: Structural Features of
a Newly Erected Plate Mill, by H. Matthaci. UNCL

GERMAN, per, Stahl u Eisen, 30 Oct 1958,
pp 1609-1611. *Vol 98, No 22,*

British Iron and
Steel Ind 1183
(12 15s.0d.)

EEur - East Germany
Econ
Sci - Engr
Apr 59

SLH 61-18781

83, 814

Directions for the Rolling of Alloy Steels,
by H. Mueller. UNCL

GERMAN, per, Stahl u Eisen, 30 Oct 1958,
pp 1611-1613.

CTS 61-18772
British Iron and
Steel Ind 1184
(12 15s. Od.)

Sci - Engr
Apr 59

84,347

Utilization of Sludge From Gas Scrubbers, by
B. Weilandt, F. Kruse. UNCL

GERMAN, per, Stahl u Eisen, 13 Nov 1958,
pp 1657-1662.

British Iron and Steel Ind 115⁴
(L4)

Sci - Min/Met
Apr 59

075 84,704

84,704

Chlorination of Ore Fines During Sintering,
by H. Nouhaus, H. Schenck.
GERMAN, per, Stahl Eisen, Vol. 78, 13 Nov
1958, pp 1662-1670.
BISI 1152

EE-Germany
Sci/M&M
Feb 66

296,276

Automatic Control of Basic Converter Heats, by K. E.
Mayer, et al. UNCL

GERMAN, por, Stahl u Eisen, 13 Nov 1958, pp 1670-
1676.

British Iron and
Steel Ind 1153
(13 15s.(d.))

Sci - Engr
May 59

86,828

Practical Experiences With Oil-Heated Continuous
Furnaces, by R. Mueller, F. Hollweger. 1958.

GERMAN, per, Stahl u Eisen, 13 Nov 1958, pp 1676-
1678.

British Iron and Steel Ind 1172

(12 10a.06)

Sol - Engt
May 59

83,795

Recent Investigations on the Relation Between
the Formation of the Chip and Tool Life When
Turning Steel With Carbide Tips, by G. Weber. UNCL.

GERMAN, per, Stahl u Eisen, 13 Nov 1958,
pp 1678-1690.

British Iron and
Steel Ind 1355
(L7 10s.0d.)

Sci - Engr
Sep 59

96, 029

The Final Analysis of Bath and Slag in the
Basic Converter Process, by F. Weber, et al.
UNCL

GERMAN, per, Stahl u Eisen, 27 Nov 1958,
pp 1734-1745.

British Iron and Steel Ind 1167

Sci - Min/Met
Aug 59

93,428

Case Hardening of Free-Cutting Steels, by
Alexander Schepers, W. Bartholme, 11 p.

GERMAN, port., Stahl und Eisen, 1958, Vol LXXVIII,
No 24, pp 1745-1748.

SLA 59-20050

Sci
Mar 60
Vol 2, NO 11

109,607

Study of the Effects of the Rolling Conditions
on the Properties of Hot-rolled Low Carbon
Steel Strip. II. Mechanical Properties and
Structure, by W. Dahl, W. Lueg. 1961

CHROMIUM, per, Stahl u Eisen, 11 Dec 1955,
pp 1793-1798.

CTS 61-50630
British Iron and
Steel Inst 1975
(14)

Sol - Min/Met
May 59

86.799

Effect of Iron Carbon Content, Cold Working and
Heat-Treatment on the Properties of Aluminum
Killed Deep Drawing Steel Strip, by K. G.
Schmitt-Thomas. USCL

GERMAN, per, Stahl u Eisen, 11 Dec 1958,
pp 1798-1808.

OTS 61-20667
British Iron and
Steel Ind 1276
~~489-1-1276~~
(15 5a.04.)

86,800

Sol - Min/Mat
May 59

Distribution and Effect of Aluminum in an
Industrial Sheet Galvanizing Bath, by R. Knecht,
D. Kroschmann. UNCL

GERMAN, per. Stahl u Eisen, 11 Dec 1958,
pp 1808-1811.

British Iron and
Steel Ind 1173
(12 & 15s.Cd.)

Sci - Min/Sec
Apr 59

83, 8702

The Hydraulic 25-Ton Bar Drawing Bench of the Max-Planck-Institute for Iron Research and Its Possibilities of Use, by W. Lueg, O. Pavelski.

GERMAN, per, Stahl und Eisen, 11 Dec 1958,
pp 1812-1815.

BISI 1476

62-14176

Sci - Engr

Aug 60

124,039

Bühler, Hans and Altmeyer, Georg. INFLUENCE OF REDRAWING AND STRAIGHTENING ON THE RESIDUAL STRESS IN STEEL WIRES. [1960] 17p. 20 refs. Order from SLA ml\$2.40, ph\$3.30 Trans. of Stahl und Eisen (West Germany) 1958 [v. 78, no. 25] p. 1822-1827. 146,937 (Metallurgy--Ferrous Metals, TT, v. 5, no. 5)	61-10322 1. Steel wire--Stresses 2. Title: Residual stresses 1. Bühler, H. II. Altmeyer, G. Office of Technical Services
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Influence of Forward and Back Pull on the Rolling
Force, by Pau. Funke, 8 pp.

GERMAN, per, Stahl und Eisen, Vol LXXVIII, No 25,
1958, pp 1032-1034.

SIA 59-15066

Sci
Jan 60
Vol 2, No 5

104,801

Bearing Unit With Neck Bush and Tapered Roll-Neck,
by B. Sprenger. USCL

UNFOAM, per, Stahl u Eisen, Dec 1958, pp 1853-
1861.

British Iron and
Steel Ind 1209
(14)

Sci - Eng
May 59

85,797

Roll-Neck Bearings With Running Surfaces on the Roll
Neck for Large Oil Throughput, by W. Mollenbach.
UNCL

GERMAN, per, Stahl u Eisen, Dec 1958, pp 1861-
1865.

SLA 61-20599
British Iron and
Steel Ind 1210
(13)

Sci - Engr
May 59

85,798

Roll-Neck Bearings for Hydrodynamic Lubrication, by
J. Freudenling. UNCLASSIFIED

GERMAN, per, Stahl u Eisen, Dec 1958, pp 1865-1867.

British Iron and
Steel Ind 1211
(L2)

Sci - Engineering
May 59

SLA 61-26519

85,783

Structure of Nitrided Heat-Treatable
Steels, by T. M. Kora, L. Kindham. UNCL

GERMAN, per, Stahl u Eisen, 25 Dec 1958,
pp 1881-1891.

British Iron and
Steel Ind 1241
(18 5s.03.)

Sci - Min/Mat
May 59

86,775

Accidents in the German Iron and Steel Industry
in 1957, by H. Antoni. UNCL

GERMAN, per, Stahl u Eisen, 25 Dec 1958,
pp 1891-1898.

SLA 61-4773
British Iron and
Steel Ind 1187
(L3 153.04.)

EEur - East Germany
Econ
Apr 59

83,873

New Plant in the Basic Converter and Open-Hearth
Steel Plants of an Integrated Iron and Steel Works,
by W. Eisechkeil, et al. USCL

GERMAN, per, Stahl u Eisen, 8 Jan 1959, pp 8-17.

Vol 79, No 1,
07.5 61-26598
British Iron and
Steel Ind 1208
(16)

EEur - Germany
Recon
May 59

8.8, 131

New Plant in an Integrated Converter and Open-Hearth
Steelworks, by W. Heischkeil, et al. UNCL

GERMAN, per, Stahl u Eisen, 8 Jan 1959, pp 17-21.

*British Iron and
Steel Ind

For publ in 'Iron and Coal Trades
Review' or 'Met al Treatment'

EEur - Germany
Econ
Apr 59

Production Control in Rolling Mills by Means of
Communicating and Signalling Systems, by H. Brosch,
H. Wabursch. UNCL

GERMAN, per, Stahl u Eisen, 8 Jan 1959, pp 23-32.

UTS 61-20597

British Iron and
Steel Ind 1198
(16 10s.0d)

EEur - Germany
Econ
May 59

86,820

Influence of Regenerator Design on the Preheating
of Air and Gas in Triple-Gas Fired Open-Hearth
Tilting Furnaces, by K. Voigt, G. Schmalhaus.

GERMAN, per, Stahl und Eisen, 1959, pp 30-38.

C.S.I.R.O.

Sci-Met

May 60

115,962

Comparative Investigation of Defects in Heavy
Forgings by Means of Ultrasonic Waves and the
Betatron, by L. Brand. UNCL

GERMAN, per, Stahl u Eisen, 8 Jan 1959,
pp 32-36.

British Iron and
Steel Ind 1309

Sci - Phys
Aug 59

93,433

The Present State of Knowledge Concerning the
Sigma Phase in Iron-Nickel-Chromium Alloys, by
R. Kragg, G. Gunther, R. Weik. UNCL

GERMAN, per, Stahl u Eisen, 8 Jan 1959,
pp 46-51.

DISI 1410

(15.5.0)

Sci - Min/Mat
Oct 59

97,928

Critical Consideration of Mechanization and
Automation in Steel Production, by K. H. Hueser.
UNCL

GERMAN, per, Stahl u Eisen, 22 Jan 1959, pp 65-73.

British Iron and
Steel Ind 1313

KEur - East Germany
Econ
Aug 59

93, 435

Methods for the Extraction of Iron Otherwise
Than in the Blast Furnace, by J. Willems,

GERMAN, per, Stahl und Eisen, Vol LXXIX,
No 2, 1959, pp 74-80.

CSIRO
+ HB

Sci - Engr
Dec 61

175,788

Influence of Regenerator Layout on the Preheating
of Air and Gases in Triple-Gas Fired Open-Hearth
Tilting Furnaces, by H. Voigt, G. Schmalhaus. UNCL

GERMAN, per, Stahl u Eisen, 22 Jan 1959, *Vol LXXXIX, No 2*
pp 80-83.

British Iron and
Steel Ind 1228
(15 10s.0d.)

Sci - Engr
May 59

86,772

Development and Tasks of the Water Supply
Service in the Iron and Steel Industry, by K. H.
Koch. UNCL

GERMAN, W., Stahl u. Eisen, 22 Jan 1959, pp 89-94

OTS 6/-20612

British Iron and
Steel Ind 1252
(14 5s.0d.)

HSR - Germany
Econ
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